

# RSA Keon® WebSentry

High assurance security for Web servers



- Enhances the ability of a Web server to validate digital certificates
- Ensures only valid users are given access to information
- Controls access to secured Web pages or files

RSA Keon® WebSentry software enables Web servers to offer high assurance user authentication through digital certificates by seamlessly PKI-enabling Web servers and providing real-time validity checking of a user's certificate. Web administrators can also use certificates to limit access to private or sensitive files stored on their Web sites.

### High Assurance Security for Web Servers

Because RSA Keon WebSentry software sits on the Web server and connects directly to the RSA Keon Certificate Authority (CA) software, the Web module takes advantage of centralized administration available through the RSA Keon CA internal directory. The user's status and access rights are checked against directory attributes for instantaneous results.

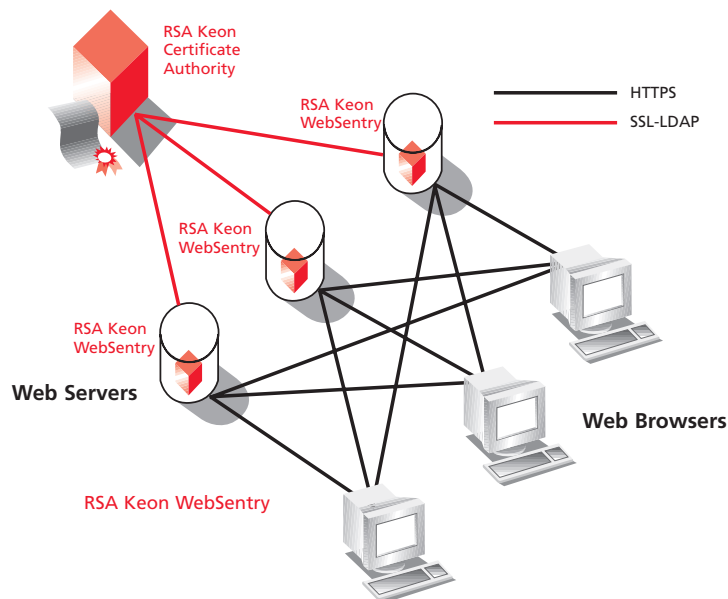
RSA Keon WebSentry software plugs into an organization's current Web server to offer high-assurance user authentication through digital certificates. Web administrators can use certificates to limit access to private or sensitive files stored on their Web sites. When a user attempts to access a Web page or file that is secured, RSA Keon WebSentry checks the status of the user's certificate and then checks against their Access Control List (ACL) rules. If they have a valid certificate and permission, the user can access the site.

### Scalable Infrastructure for e-Business

RSA Keon WebSentry software is scalable for the enterprise because many plug-ins can run with a single RSA Keon CA installation. This means that large organizations with multiple Web servers supporting high availability applications or multiple end-user communities can be seamlessly connected to a single enterprise-wide PKI. As the need for PKI grows across the Web server platform, additional plug-ins can be installed. Because RSA Keon WebSentry software runs as a low-level server plug-in for Netscape® and Microsoft® Web servers, it provides greater speed and performance than comparable CGI plug-ins.

### Instant Certificate Revocation Status Checking

Being able to verify the validity of certificates is extremely important to the integrity of a certificate management system. Events such as staff turnovers and changes in business relationships can create the potential use of non-valid certificates resulting in security breaches. The longstanding method for checking the status of digital certificates has been governed by the use of Certificate Revocation Lists (CRLs) in which applications retrieve CRLs at set intervals. An inherent weakness in CRLs, however, is that there is a potential delay before information regarding a revoked certificate is available to the application. WebSentry software precludes the liability associated with CRLs. With RSA Keon WebSentry software, as soon as a certificate is revoked by the RSA Keon CA, it becomes instantly invalid at all Web servers across the enterprise, without the need to issue updated CRLs. RSA Keon WebSentry software ensures zero-tolerance certificate revocation.



## Event Logging and Monitoring to Meet Security Policies

RSA Keon WebSentry software logs events according to the configuration options offered by the operating system ensuring you have a record of events to help you trace issues and provide you a record of activity. Events are logged with information about the event, such as denial of access against rules, certificate status or client credentials that do not match the ACL rules. Logged events are stored in Windows® NT's event logging facility or UNIX syslog. In addition, RSA Keon WebSentry software offers flexible management capabilities:

- Management through RSA Keon CA,
- Distributed or centralized ACL management,
- PKI event logging for transaction audits and
- Platform centric logging and administration.

## RSA Keon Product Family

The RSA Keon family is an interoperable, standards-based digital certificate management solution for deploying, managing and securing e-business applications. The RSA Keon family provides a common foundation for secure e-business, including e-mail, Web-based applications and VPNs. For detailed technical specifications go to [www.rsasecurity.com](http://www.rsasecurity.com).

## Ease of Management

Implementation is painless because the administrator may install RSA Keon WebSentry software onto an existing Web server. The Web server is configured to recognize the plug-in and then, before becoming operational, WebSentry requests a certificate from the RSA Keon CA. Once the certificate is installed, WebSentry securely communicates with the RSA Keon CA software and authenticates the secure Web server. RSA Keon WebSentry software is flexible enough to let Web administrators use either the Access Control Lists (ACLs) already in place with their Web server or to centrally manage all ACLs through the CA.

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